

Are wild boars a threat to intensive pig farms?

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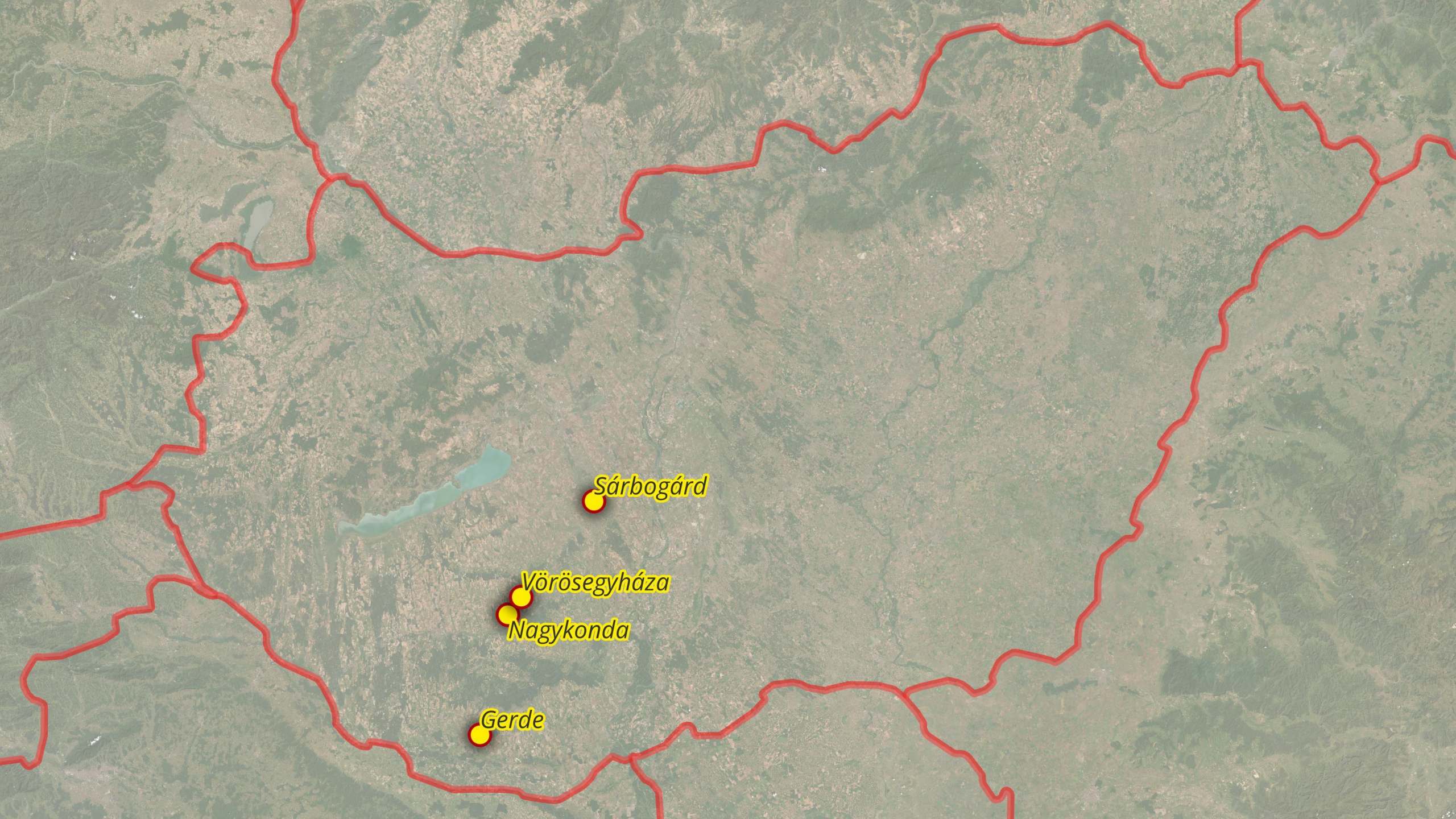
MATE, Institute for Wildlife Management and Nature Conservation, Department of Wildlife Biology and Management



PROJECT
FINANCED FROM
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VAX4ASF



Sárbogárd

Vörösegyháza
Nagykonda

Gerde

Sárbogárd

- Fejér County – 100 km far from Budapest



Wild boar hunting bag density (ind./km2) in the county:					
2017	2018	2019	2020	2021	2022
1,1	1,1	1,3	1,9	1,4	1,3

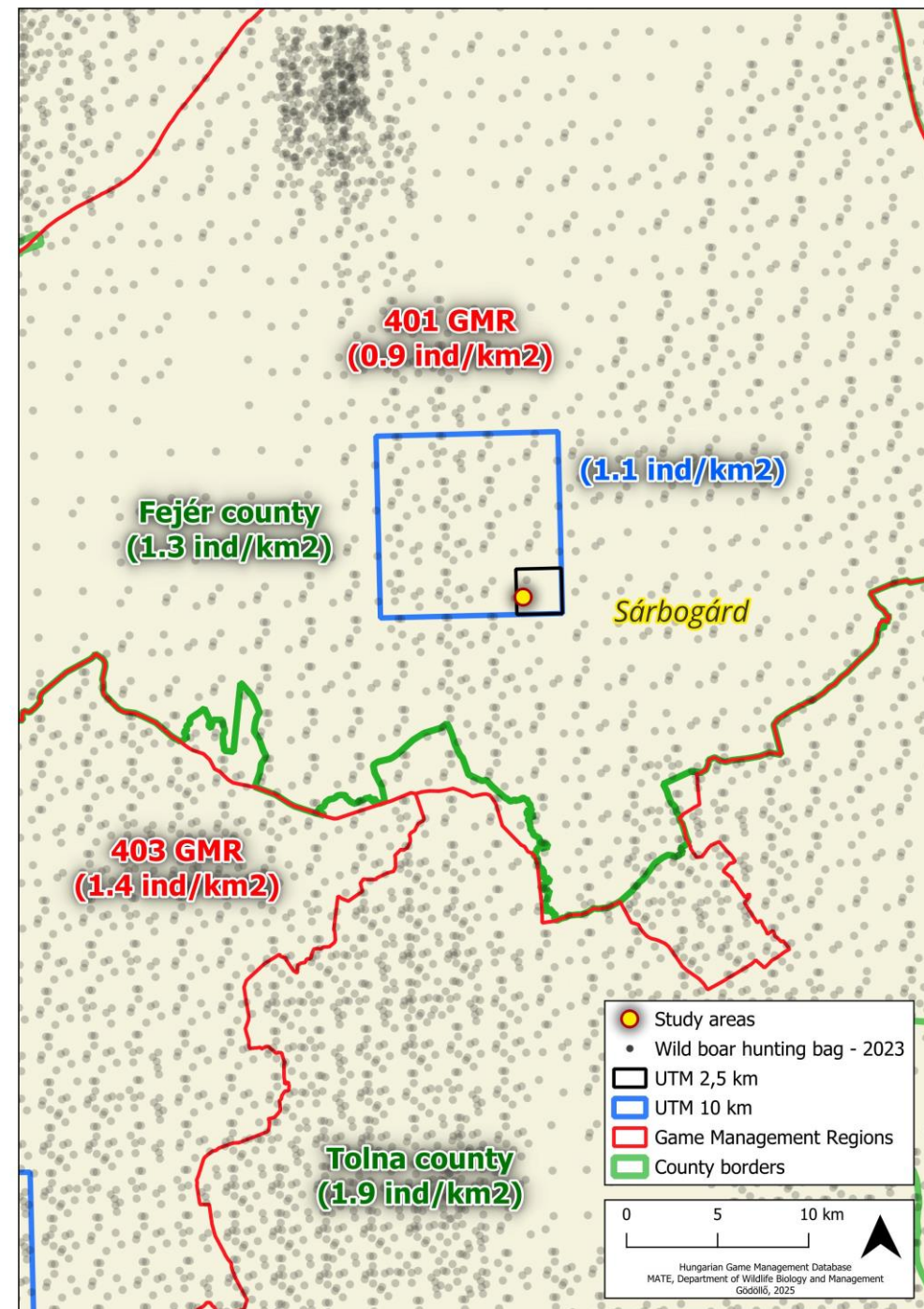
Wild boar hunting bag at the UTM square where the farm located:

UTM (10 X 10 km)	CS19
2017	94
2018	53
2019	117
2020	181
2021	110
2022	121



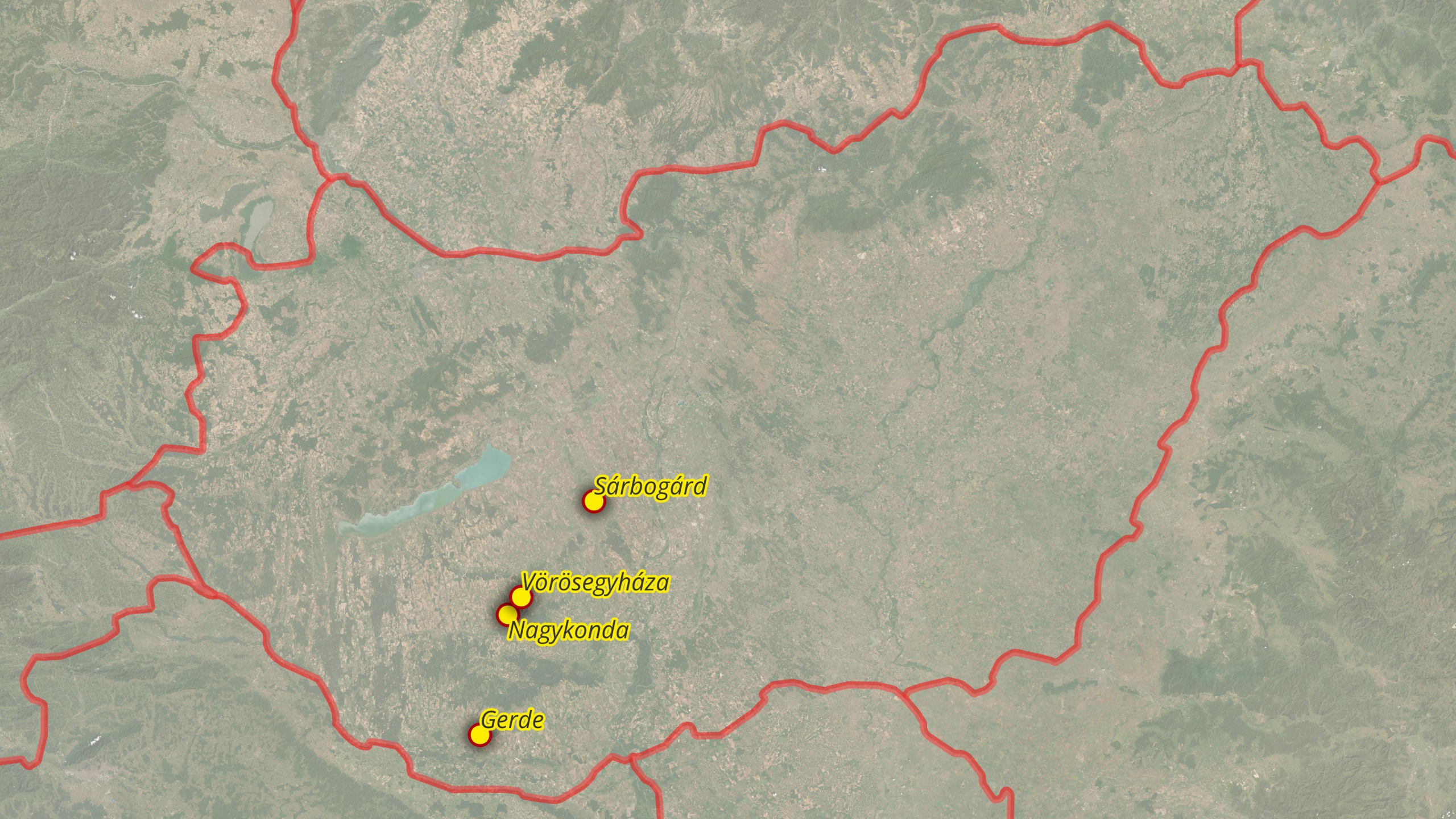
We could not confirm the presence of wild boar around the farm even with indirect signs.

Sárbogárd



Sárbogárd	Number of pictures	Species	July	August	September	October	November	December	Januar	Number of working day
Summary	5963	Roe deer	3	17	44	50	21	53	37	777
		Red fox	8	8	34	35	23	14	27	
		Badger	0	0	0	0	0	0	0	
		Stone marten	0	0	0	0	0	0	0	
		Golden jackal	0	0	0	0	0	0	0	
		Pheasant	3	36	43	10	3	1	1	
		Domestic cat	5	12	39	36	23	7	8	
		Wildcat	0	0	0	0	0	0	0	
		European brown hare	85	276	310	276	252	179	189	
		Red deer	0	0	0	0	0	0	0	
		Fallow deer	0	0	0	0	0	0	0	
		Wild boar	0	0	0	0	0	0	0	
		Others and not identified	9	9	7	15	14	9	7	
		Dog	0	0	2	2	0	0	0	
		Human and empty pictures	474	2080	545	643	459	200	173	

Sárbogárd



Sárbogárd

Vörösegyháza
Nagykonda

Gerde

Vörösegyháza

- Tolna County – 166 km far from Budapest

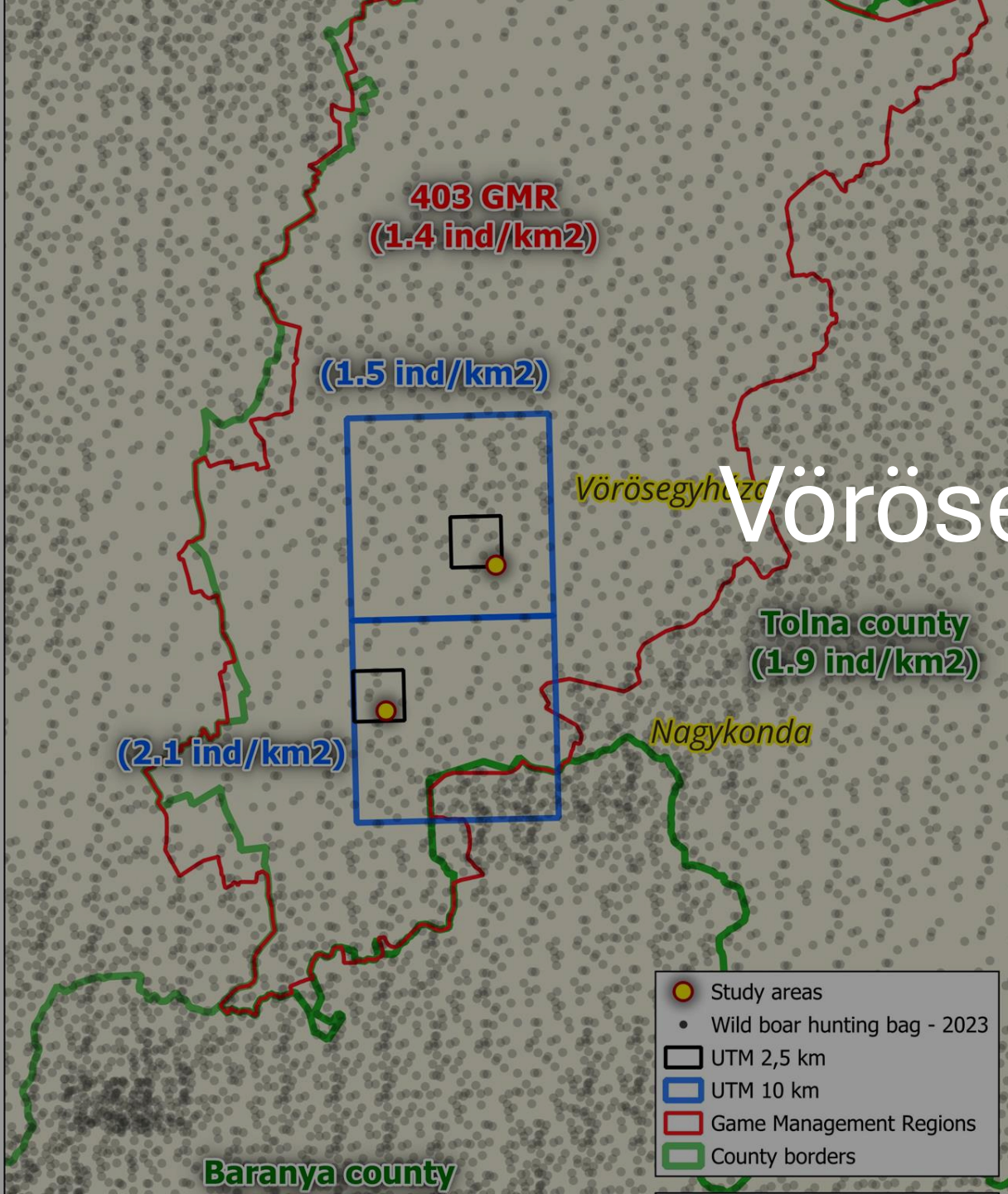


Wild boar hunting bag density (ind./km²) in the county:

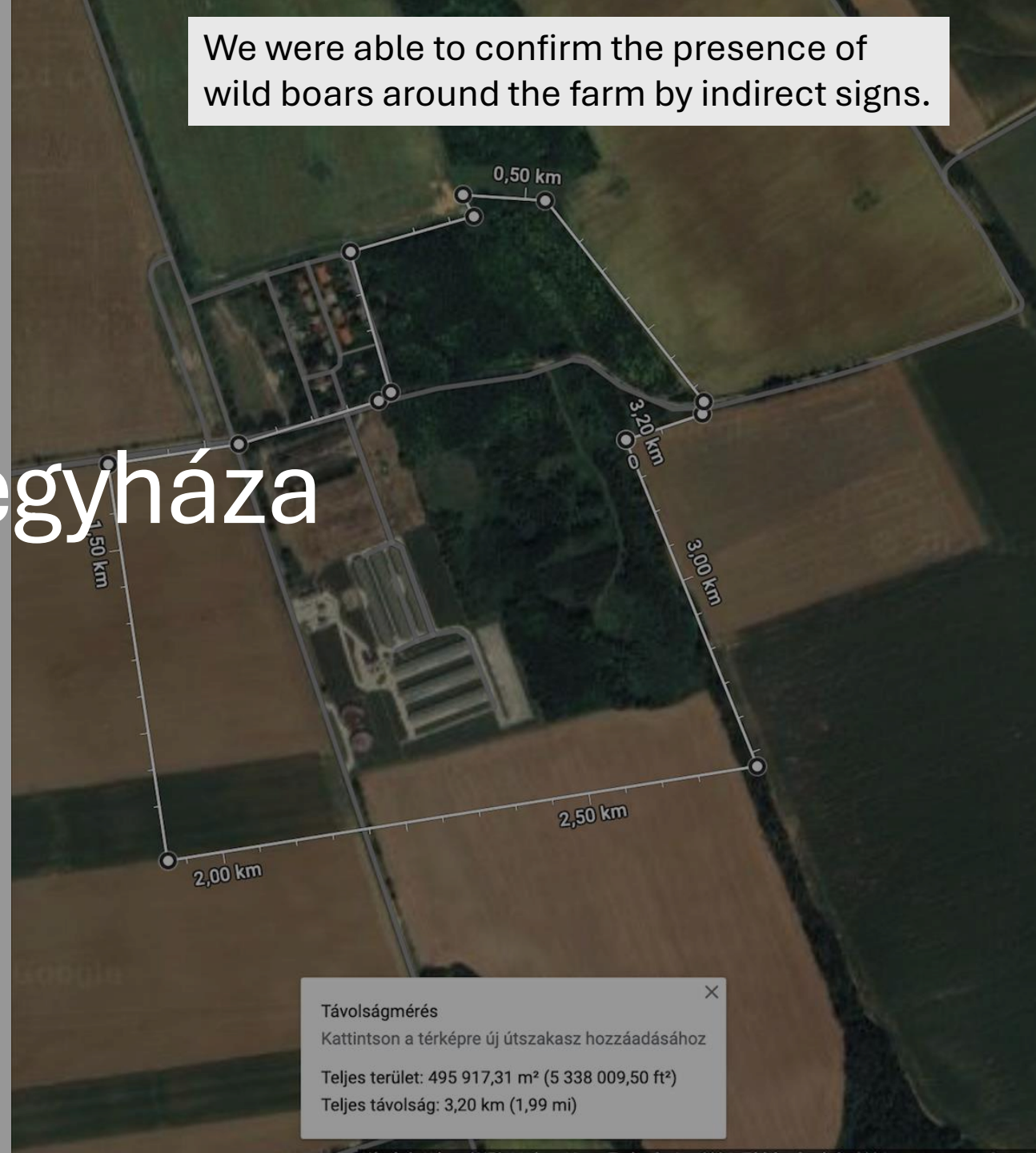
2017	2018	2019	2020	2021	2022
1,7	1,7	1,9	3,0	2,2	1,7

Wild boar hunting bag at the UTM square where the farm located:

UTM (10 X 10 km)	BS85
2017	100
2018	117
2019	120
2020	159
2021	140
2022	108



We were able to confirm the presence of wild boars around the farm by indirect signs.

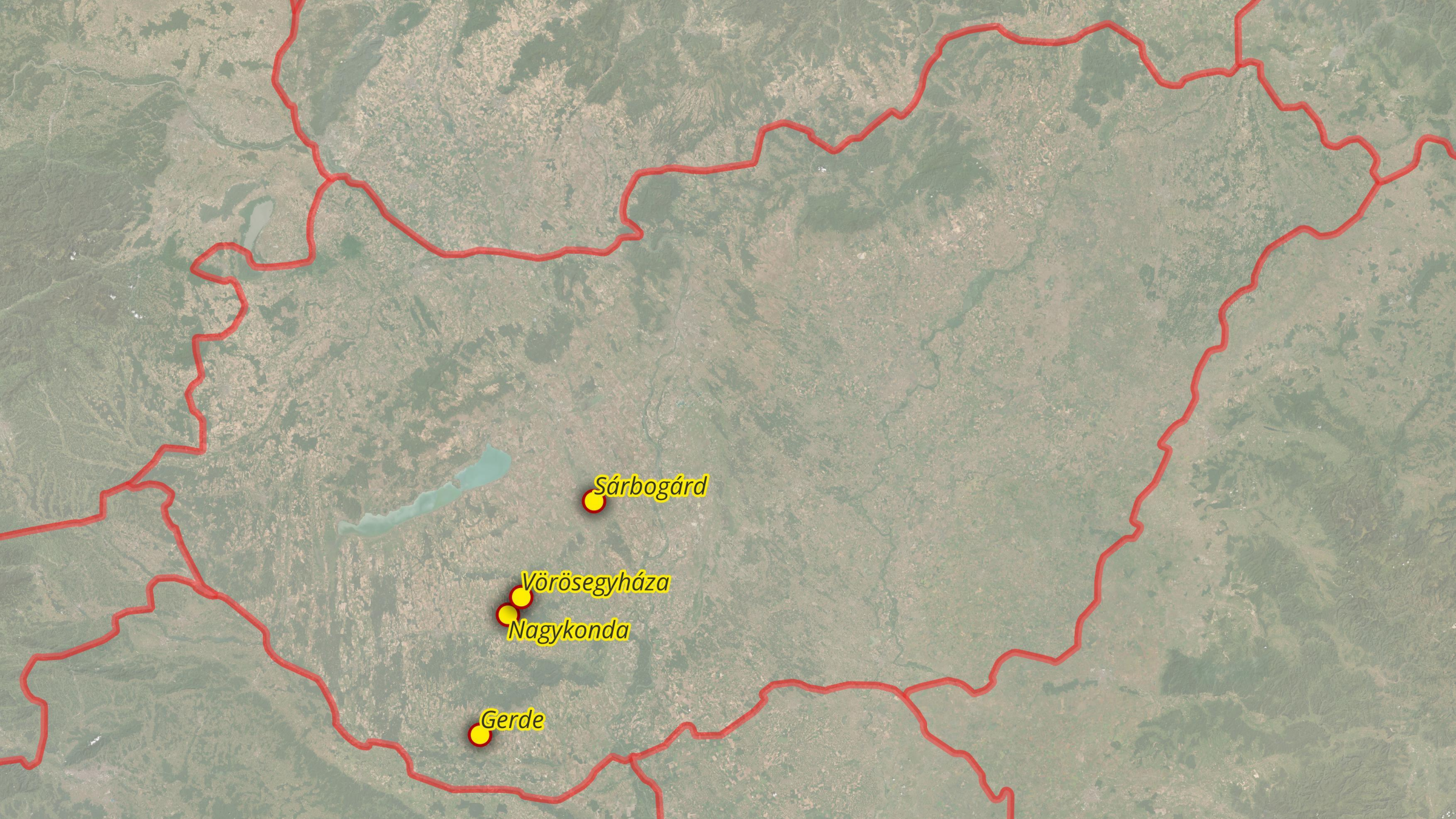


Vörösegyháza

Vörösegyháza	Number of pictures	Species	July	August	September	October	November	December	Januar	Number of working day
Összesen	8255	Roe deer	178	341	430	371	793	793	706	1961
		Red fox	16	27	69	45	47	10	28	
		Badger	109	183	112	172	133	98	126	
		Stone marten	1	4	5	3	2	0	2	
		Golden jackal	0	0	0	3	6	7	1	
		Pheasant	0	6	7	21	6	22	1	
		Domestic cat	5	13	14	41	34	23	15	
		Wildcat	0	0	1	0	1	1	5	
		European brown hare	2	21	21	3	48	31	54	
		Red deer	41	40	16	52	11	48	41	
		Fallow deer	6	10	18	4	0	2	1	
		Wild boar	0	1	1	0	1	0	0	
		Others and not identified	37	69	86	83	135	77	117	
		Dog	0	0	0	0	3	3	1	
		Human and empty pictures	150	224	460	689	308	214	278	

Vörösegyháza





Sárbogárd

Vörösegyháza
Nagykonda

Gerde

Nagykonda

- Tolna County – 170 km far from Budapest



Wild boar hunting bag density (ind./km2) in the county:

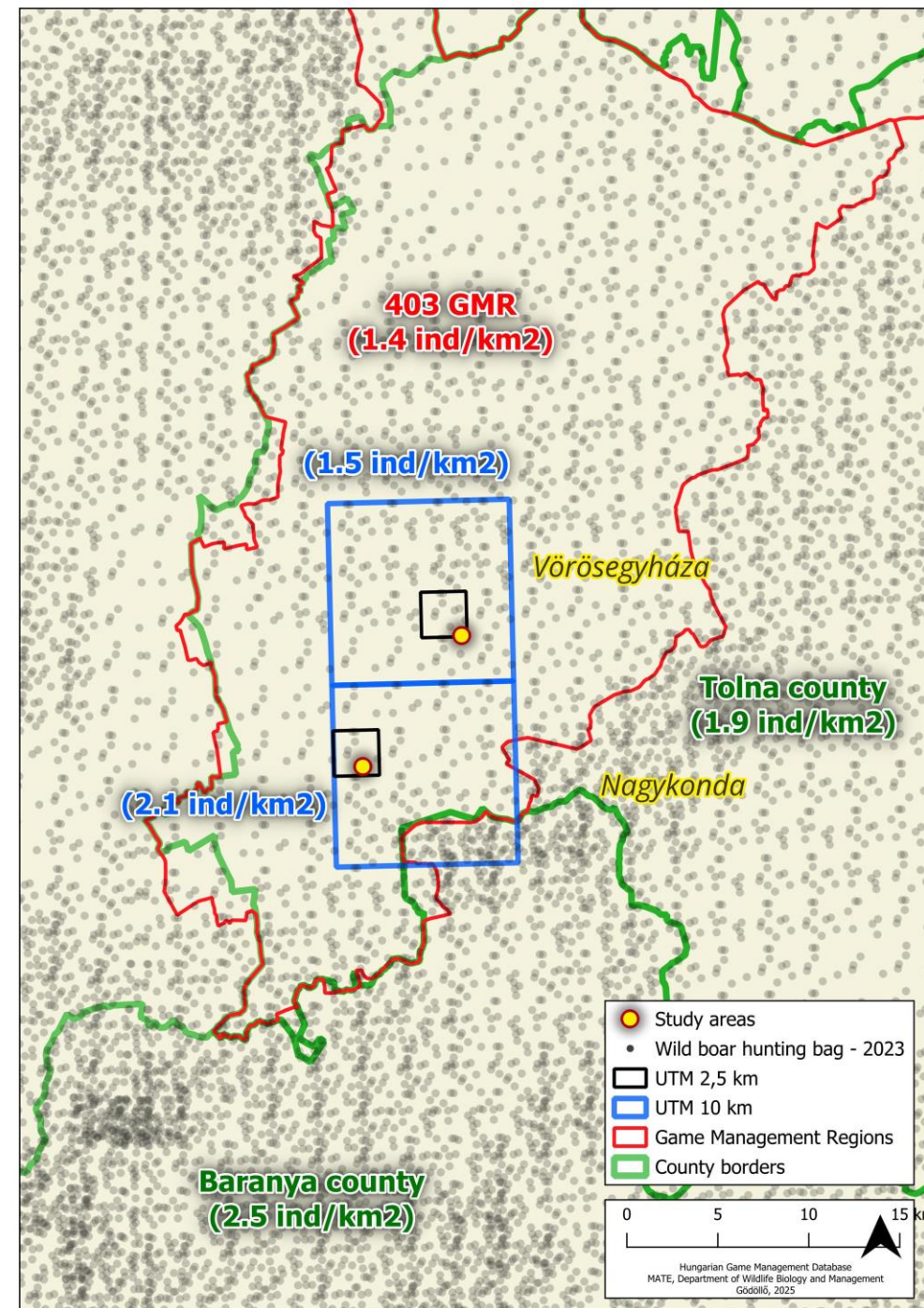
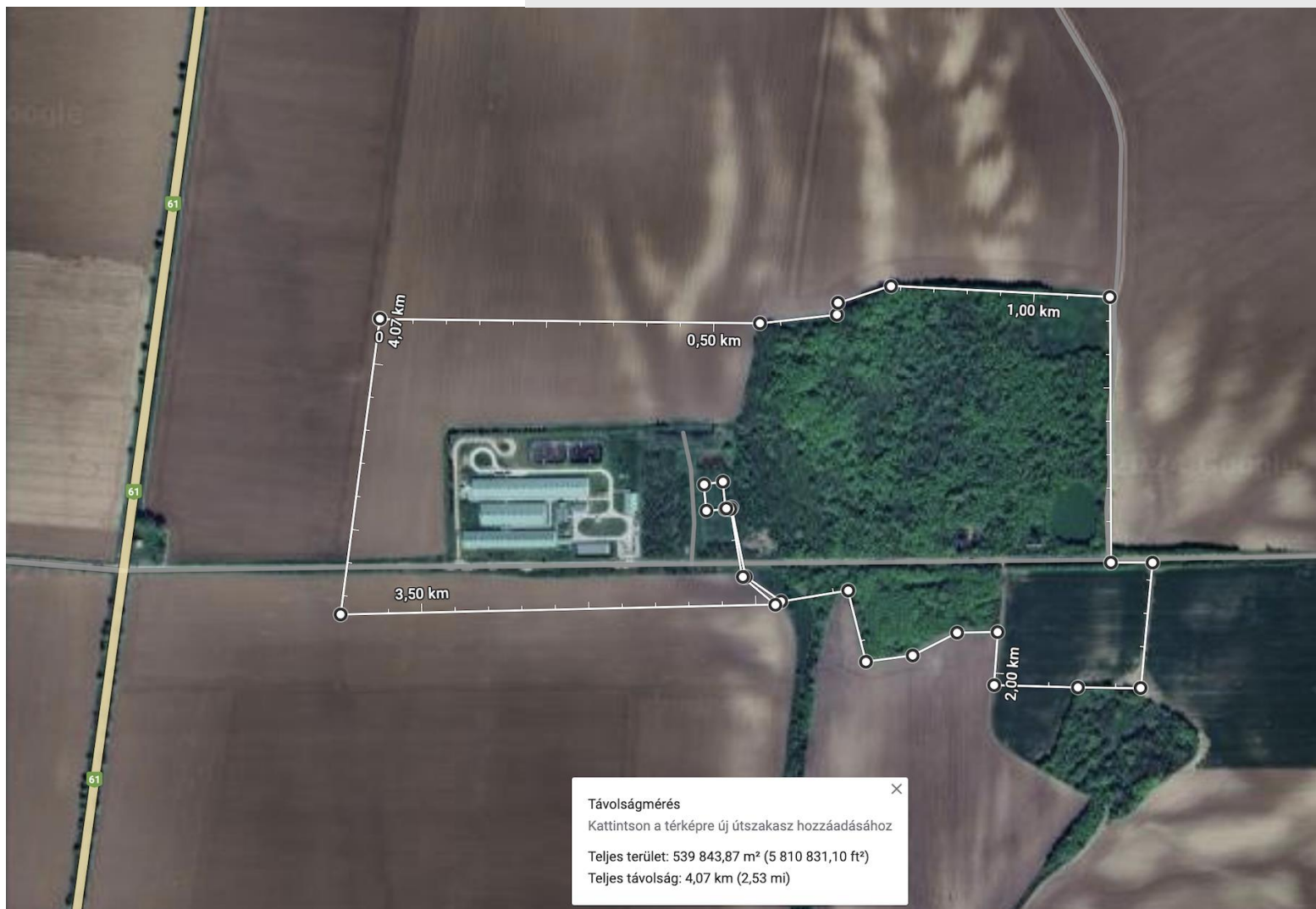
2017	2018	2019	2020	2021	2022
1,7	1,7	1,9	3,0	2,2	1,7

Wild boar hunting bag at the UTM square where the farm located:

UTM (10 X 10 km)		CS19
	2017	189
	2018	180
	2019	182
	2020	287
	2021	251
	2022	179

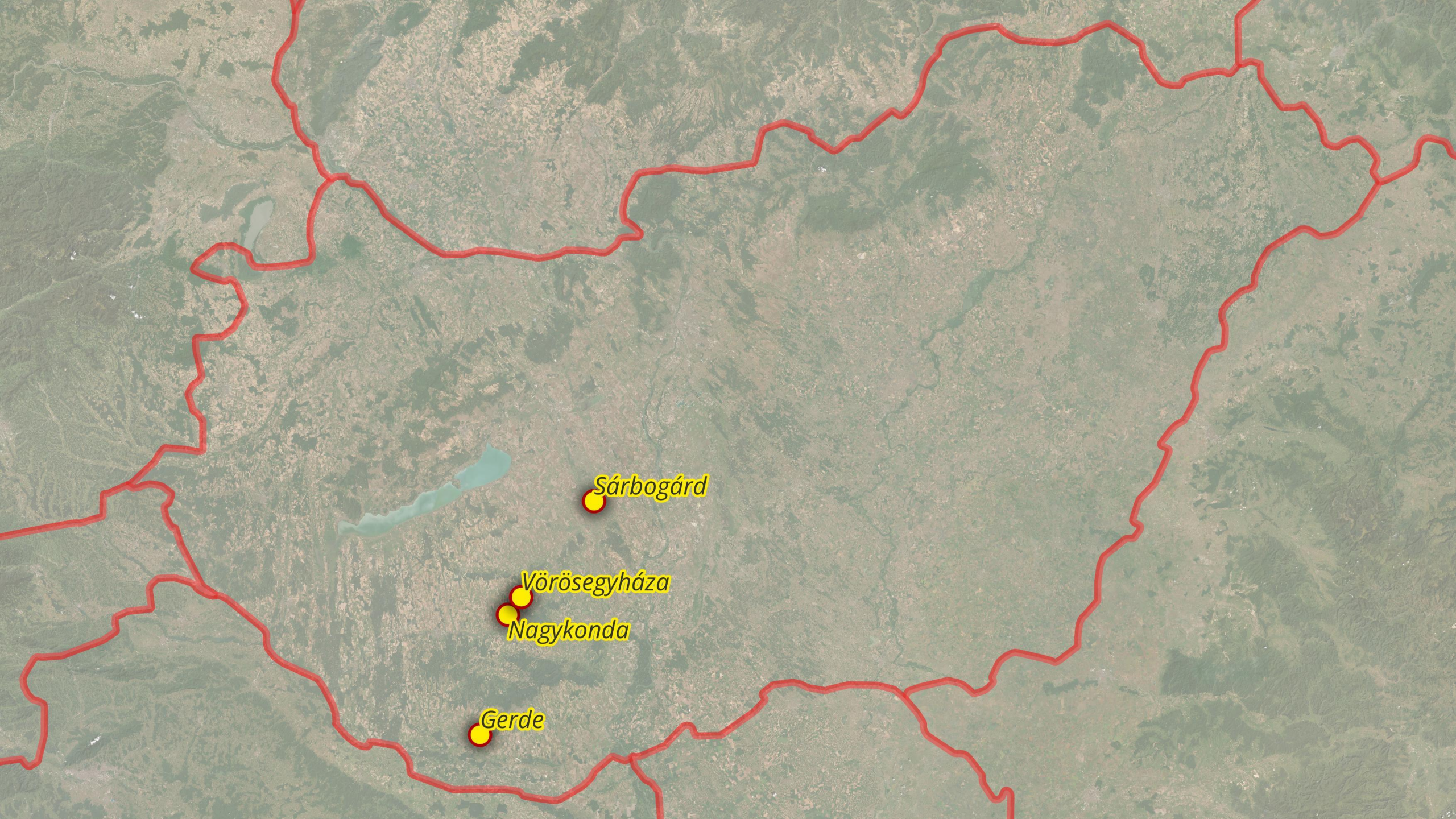
Nagykonda

We were able to confirm the presence of wild boars around the farm by indirect signs.



Vörösegyháza	Number of pictures	Species	July	August	September	October	November	December	Januar	Number of working day
Summary	3187	Roe deer	67	210	134	94	99	62	63	1961
		Red fox	1	23	25	16	20	15	60	
		Badger	0	4	2	0	0	0	0	
		Stone marten	0	1	2	5	8	2	4	
		Golden jackal	0	0	0	0	0	2	1	
		Pheasant	0	4	2	11	5	3	0	
		Domestic cat	1	1	13	7	8	10	12	
		Wildcat	0	0	0	0	0	0	0	
		European brown hare	2	0	4	12	12	8	16	
		Red deer	5	0	14	11	0	0	0	
		Fallow deer	0	0	0	0	0	0	0	
		Wild boar	0	0	0	0	0	0	0	
		Others and not identified	12	26	23	23	19	4	8	
		Dog	0	0	0	0	0	0	0	
		Human and empty pictures	257	268	832	218	348	40	52	

Nagykonda



Sárbogárd

Vörösegyháza
Nagykonda

Gerde

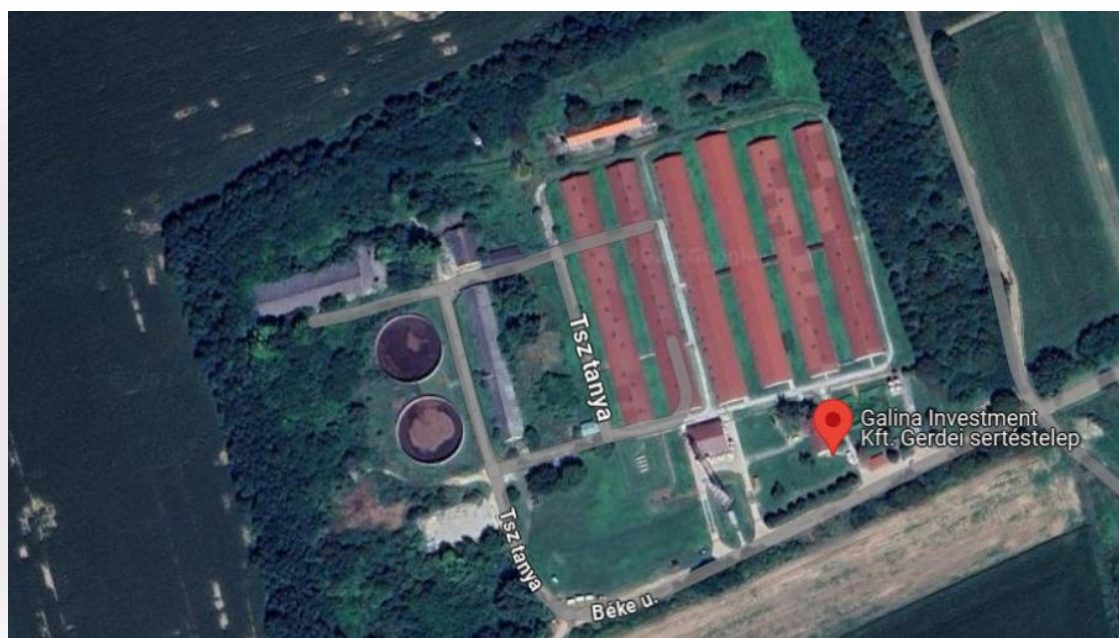
Gerde

- Baranya County – 260 km far from Budapest

Wild boar hunting bag density (ind./km2) in the county:					
2017	2018	2019	2020	2021	2022
2,7	2,7	2,8	3,8	3,1	2,2

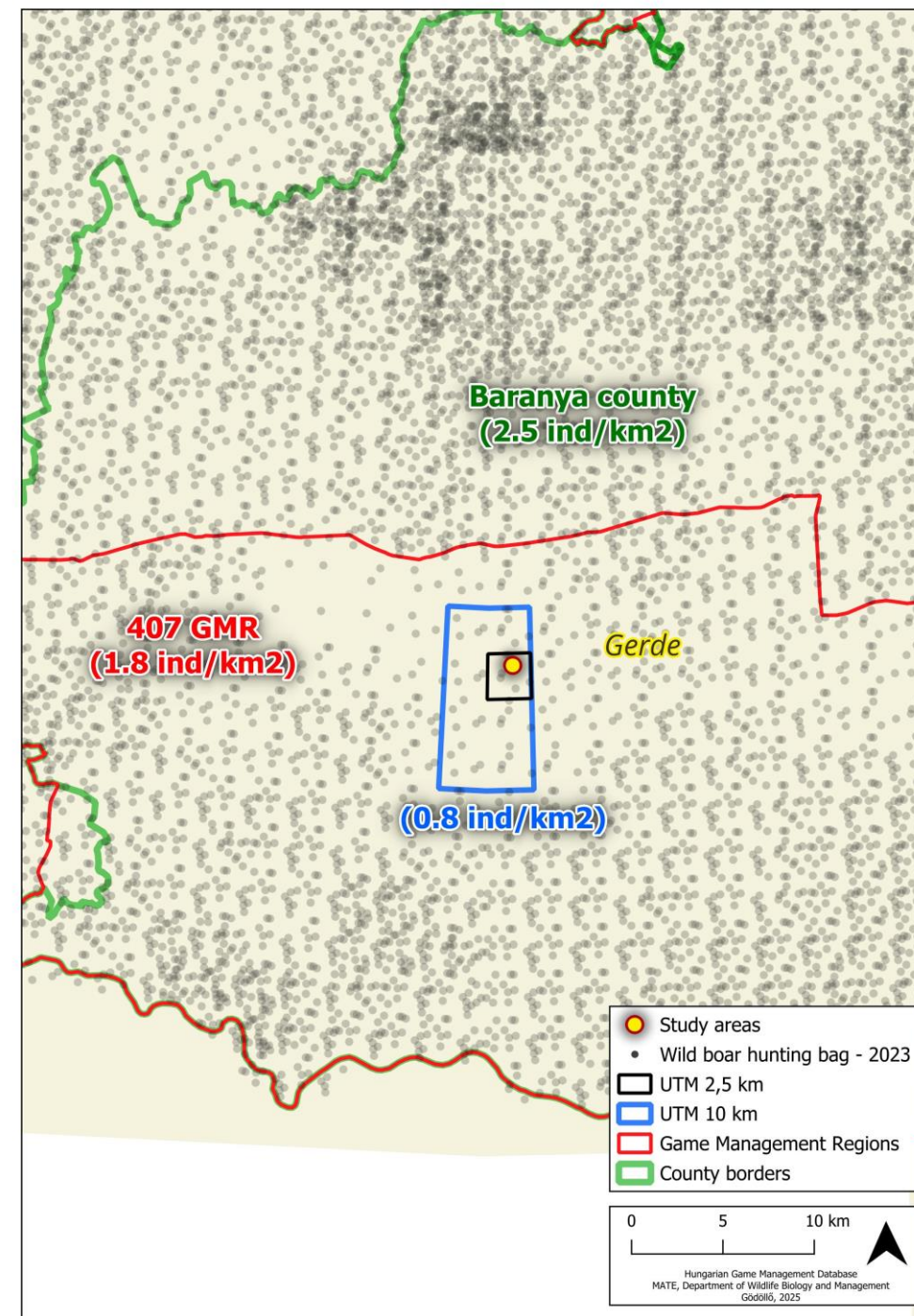
Wild boar hunting bag at the UTM square where the farm located:

UTM (10 X 10 km)	YL39-BR69
2017	43
2018	53
2019	41
2020	40
2021	27
2022	24



Gerde

We could not confirm the presence of wild boar around the farm even with indirect signs.



Gerde

Gerde	Number of pictures	Species	July	August	September	October	November	December	Januar	Number of working day
Summary	1322	Roe deer	18	2	12	113	66	33	63	1249
		Red fox	7	7	10	30	22	23	35	
		Badger	0	2	10	22	8	17	22	
		Stone marten	6	10	25	30	3	15	16	
		Golden jackal	0	0	0	6	25	6	11	
		Pheasant	1	0	0	1	0	0	3	
		Domestic cat	8	11	25	24	8	7	6	
		Wildcat	0	0	0	0	0	1	2	
		European brown hare	2	0	0	3	8	12	37	
		Others and not identified	1	6	8	25	6	12	14	
		Dog	0	0	0	0	1	0	4	
		Human and empty pictures	64	181	50	72	34	44	70	

Additional field work - blood serum sampling

Sample mark	Number of units	Date	Location	Date	Collector
WB1	8	21.07.2024	Báta	21.07.2024	Prophyl
WB2	6	N/A	Báta	N/A	Prophyl
WB3	12	30.09.2024	Báta	30.09.2024	Prophyl
WB4	16	5.12.2024	Valkó	5.12.2024	MATE IWMNC
WB5	5	12.12.2024	Valkó	12.12.2024	MATE IWMNC
WB6	12	20.12.2024	Somogytúr	20.12.2024	MATE IWMNC
WB7	17	13.01.2025	Bóly	13.01.2025	MATE IWMNC
WB8	38	13.01.2025	Bakony-Porva	13.01.2025	MATE IWMNC



Summary

- 4 intensive pig farm
- 28 Camera Traps
- 18 727 Photos (between 1 of July 2024 – 31 of January 2025)
 - Roe deer
 - Red fox
 - European hare
 - Mammal predators
- **Wild boars three times only in one location (one farm)**





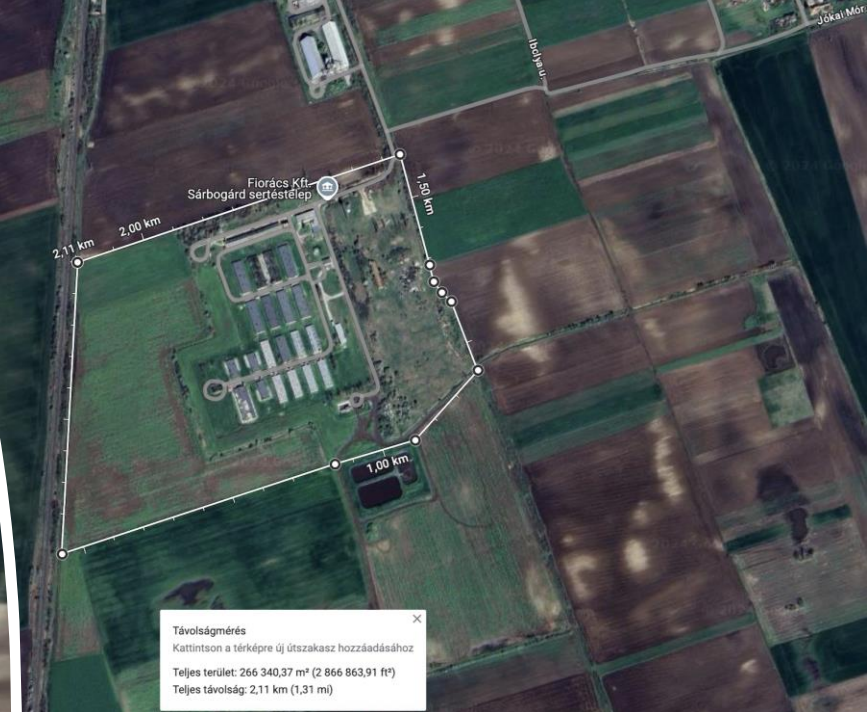
The most frequent species



The next steps

- Camera trapping

- Will continue in all four sites until 30 June (target is one year of data).
- From 1 July onwards, camera trapping will continue only on the two most exciting farms, Nagykonda and Vörösegyháza.



Thank you for
your attention!



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